

Earthdata UTC Meeting 02.16.2016

1. Attendance

Please make a comment at the bottom of this agenda to record your attendance.

2. EMS Status

Nelson Casiano

- **Upcoming/Ongoing Activities with Data Providers**
 - MODAPS
 - MODAPSNRT3 - will be moved to production in early 2016
 - MODAPS planning to add version identification to Collection 5 and Collection 6 MODIS products
 - MODAPS is working on delivering OPENDAP files to EMS
 - GHRC - Adding AMSR2NRT to EMS - testing continues in UAT; planning to deploy into production after UAT testing is complete
 - ECS 8.3.8 (Timezone Update)
 - NSIDC - in Production.
 - LARC ASDC - in Production

3. Earthdata Login

Peter Smith






- **URS Integration Information on SSO and the API's can be found on [Wiki](#)**
- **DAAC On-boarding Status and Integration Schedule can be found on [Wiki](#)**
 - Please get in touch (Peter Smith or Stanley Stewart) if you are having trouble accessing any of the Wiki areas.
- **URS4 Development**
 - Current Sprint 2.66
 - In Production(Release 4.43)







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- 5. User Support Tool
- 6. CMR/ECHO/Earthdata Search
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 - CMR/ECHO Release Status
 - Earth Data Search Release Status
 - Note on Browse images in Reverb/Earthdata Search
 - Upcoming PMs
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- 8. Worldview
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Sprint Status

Sprint	Start Date	Release	UAT Date	OPS Date
2.66	 15 Feb 2016	4.45		
2.65	 01 Feb 2016	4.44		
2.64	 18 Jan 2016	N/A		
2.63	 04 Jan 2016	N/A		
2.62	 14 Dec 2015	N/A		

2.61	 30 Nov 2015	4.43	 04 Feb 2016	 11 Feb 2016
2.60	 16 Nov 2015	4.42	 03 Dec 2015	 10 Dec 2015

Release 4.45 Tickets

[URSF0UR-623](#) - Create a URS page that can act as a test server for application clients










4. Earthdata

Brett McLaughlin Mark Reese

- **Navigation and IA Work**
 - Moving from current IA to more action-oriented ("Get Data", "Find Data", etc.)
 - Will *not* compromise access to existing DAACs, applications, etc.
- **Develop Portal (Initial Design and IA Work)**
 - Earthdata, Earthdata Login, etc., documentation moving into one location, style, EUI, etc.
 - Decrease time from document need to document creation (in uniform style)

Upcoming Sprint:

Upcoming Sprint Tickets

T	Key	Summary	Assignee	Reporter	P	Status
	URSF0UR-623	Create a urs page that can act as a test server for clients.	Srikanth Davu	Peter Smith	↓	IN PROGRESS
	ED-1728	Security updates for Rails applications	Nevin Apondo	Nathan Clark	↑	IN PROGRESS
	ED-1726	The conduit_web unit tests are attempting to query the GSA	Unassigned	Nathan Clark	↓	APPROVED
	ED-1725	Document planned system design and architecture.	Nathan Clark	Mark Reese	↑	IN PROGRESS
	ED-1722	Need to find documents from Drupal site and update ECHO page (Earthdata Service Desk)	Unassigned	Srinivasa Tummaia	↑	APPROVED
	ED-1713	Extract the original data and example images from the old Drupal page and provide to the design team.	Unassigned	Nathan Clark	↓	APPROVED
	ED-1711	The selected page background doesn't show up until the page is updated.	Maitreyee Pasad	Nathan Clark	↑	IN PROGRESS
	ED-1707	POI dots and flyout should be 508 compliant.	Srikanth Davu	Nathan Clark	↓	IN PROGRESS
	ED-1686	Integrate Bamboo with the Earthdata Status application.	Unassigned	Nathan Clark	↓	APPROVED

ED-1685	Integrate Stash with the Earthdata Status application.	Unassigned	Nathan Clark	APPROVED
ED-1671	As a user, I can see news items from both the CMS and an external RSS feed for a single source in the News & Events section.	Nathan Clark	Nathan Clark	NEEDS PEER REVIEW
ED-1653	Document findings from developer portal planning meetings.	Mark Reese	Mark Reese	APPROVED
ED-1637	Words are being cut off on Featured Pages (Earthdata Service Desk)	Srikanth Davu	Srinivasa Tummala	IN PROGRESS
ED-1455	As a user, when I click on an anchor link, I expect to be taken to the link and the accordion to open (Earthdata Service Desk)	Unassigned	Srinivasa Tummala	VERIFY FAILED
ECON-696	Add 508 compliant labels to the Link List link subfields.	Srikanth Davu	Nathan Clark	NEEDS PEER REVIEW
ECON-691	Design/concept & prototype for size/cropping hints on homepage masthead and feature page header images.	Benjamin Hong	Nathan Clark	IN PROGRESS
ECON-681	As a Content Author, I can select the Event Type for an Event.	Maitreyee Pasad	Jama Admin	NEEDS PEER REVIEW
ECON-679	As a Content Author, I can add a Cover Image to an Event.	Unassigned	Jama Admin	APPROVED
ECON-678	As a Content Author, I can create an Event.	Maitreyee Pasad	Jama Admin	NEEDS PEER REVIEW
ECON-676	Refactor Page/PageVersion to use a stable version tracking library.	Nathan Clark	Nathan Clark	NEEDS PEER REVIEW
ECON-675	Refactor Image/ImageVersion to use a stable version tracking library.	Nathan Clark	Nathan Clark	NEEDS PEER REVIEW
ECON-663	Remove the "HD" option from uploaded images.	Nevin Apondo	Nathan Clark	NEEDS PEER REVIEW
ECON-443	As a Content Author, I can add EUI banners in WYSIWYG content.	Unassigned	Nathan Clark	APPROVED
ECON-442	As a Content Author, I can insert EUI badges in WYSIWYG content.	Unassigned	Nathan Clark	APPROVED
DOWN-46	Add Tophat and FBM to the Status application admin interface.	Unassigned	Nathan Clark	APPROVED

5. User Support Tool

Stanley Stewart

Concerns:

We received a notification from one of our knowledgeable end users who pointed out that there are some URLs in our User Support Tool that probably shouldn't be publicly accessible. We have implemented a rules change at our firewall that blocks external triggering of certain normal administrative tasks in the UST. We consider this issue to be resolved.

Recent Metrics

Kayako Tickets for last 12 Weeks

	Closed	In Progress	On Hold	Open	Waiting for DAAC	Waiting for User
ASDC	131	5		10	1	
ASF	2					
CDDIS	2					
CMR	2					
DAACs	1					
ECC	12			6		
ECHO	17					

Earthdata	27	2				
Earthdata Search	28			1		
FIRMS	21			2		2
Feedback Module					1	
GCMD	20	2				
GES-DISC	1			1		
GHRC	22					
GIBS	1					
JAMA	2	1				
LANCE	9					
LPDAAC	274	7	6	7	7	
MODAPS	4					
NSIDC	2			1		
OB.DAAC	3					
ORNL DAAC	15					
PO.DAAC	52	1		4		
PO.DAAC Forum	4					
Rapid Response	2					
Reverb	41			1		
SEDAC				1		
Sea Level Change	1			7		
Testing				1		
URS	411					1

UUI	1	3		1		
Worldview	44	2		1		
Totals (1,237)	1152	23	6	44	9	3

Kayako Tickets since last UTC

	Closed	In Progress	On Hold	Open	Waiting for DAAC	Waiting for User
ASDC	32	1		9		
CDDIS				1		
ECC	4			3		
ECHO	1			1		
Earthdata	10			2		
Earthdata Search	10			1		
FIRMS	5			2		2
GCMD		2		1		
GHRC	3					
LANCE	3					
LPDAAC	30	5	6	10	3	
OB.DAAC	1					
ORNL DAAC	4			1		
PO.DAAC	8			10		
PO.DAAC Forum	1					

Rapid Respon se	1					
Reverb	9			4		
Sea Level Change				2		
Testing				1		
URS	93					2
UUI		1				
Worldvie w	14	2		1		
Totals (302)	229	11	6	49	3	4

6. CMR/ECHO/Earthdata Search

Doug Newman

CMR/ECHO System Status

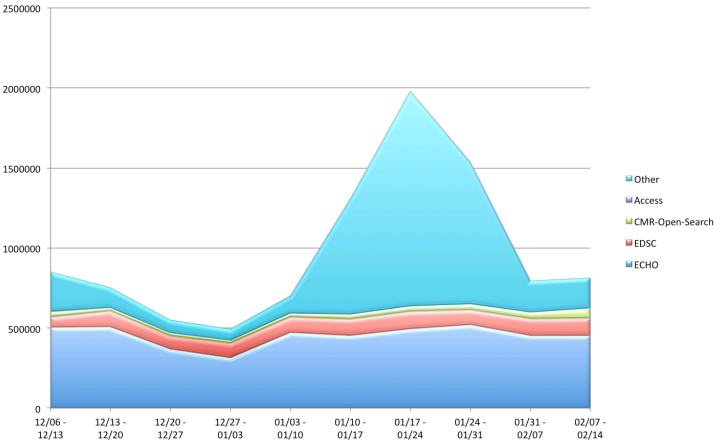
System Issues

- Several brief outages due to EBNET work at NASA. 02/03 and 03/04

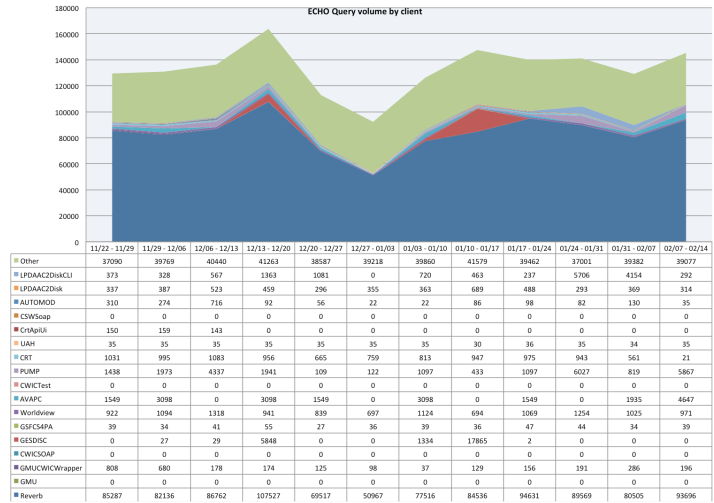
Recent Metrics

CMR client usage

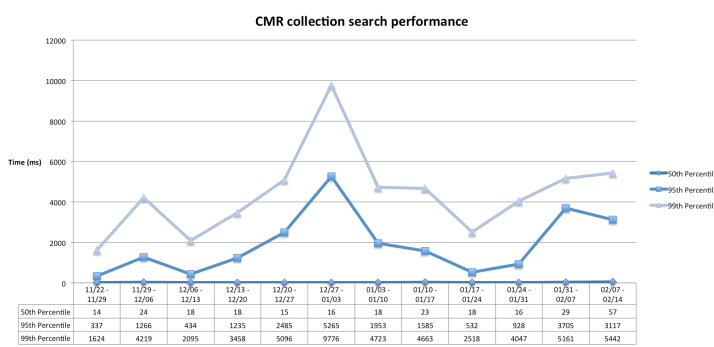
CMR query volume by client

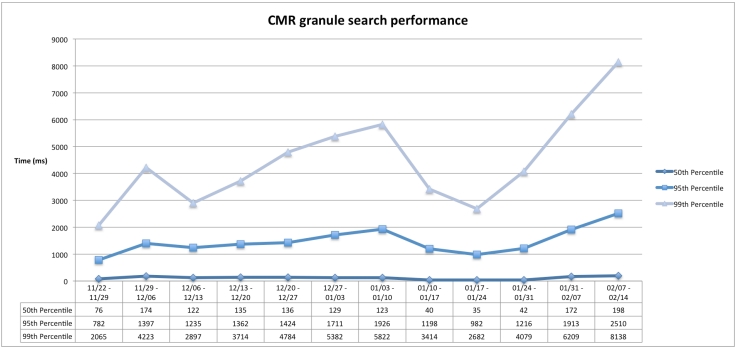


ECHO Client Usage



CMR Query Performance





CMR/ECHO Release Status

In Production: 1.42/10.114

🔒 ECHO-580
Retire CMR OpenSearch from ECHO
➕ ECHO-579
Add ability to remove provider resources from Catalog Rest
🔒 CMR-2347
As a client, I want to be able to search by data_center short_name using query parameters
🔒 CMR-2343
Add CMR Client Developer Forum link to CMR all public documentation pages
🔒 CMR-2342
User not able to see collections in ECHO10_OPS
🔒 CMR-2338
Add client developer guide links to API documentation
🔒 CMR-2337
Incorrect 'granule_count' value in GLAH12 collection search response
🔒 CMR-2336
As a Client User, I want to be able to retrieve an access control group by concept id
🔒 CMR-2335
Setup Access Control Service
🔒 CMR-2334
Design for changing collection identifiers with existing granules
🔒 CMR-2332
Fix UMM-S roundtrip with random data test failures
🔒 CMR-2330
umm-spec-lib does not generate spatial gpolygon xml correctly for DIF10 and ECHO10
🔒 CMR-2325
DIF10 Schema requires ParameterRangeBegin for AdditionalAttributesType but this is Not Valid for Boolean ...
🔒 CMR-2308
Keyword searches using JSON Query API should include relevance score and be sorted by relevance
🔒 CMR-2292
Test translating every collection in operations using UMM-C
🔒 CMR-2290
Testing ingesting LARC_ASDC DIF10 to replace their ECHO10
🔒 CMR-2287
Develop script to bootstrap minimal echo business schema
🔒 CMR-2260
Collection additional attribute searching is not documented
🔒 CMR-2259
Dataset temporal bounds updates which would invalidate granules should be rejected
🔒 CMR-2132
As a Client User, I want to be able to update the description of an access control group.
🔒 CMR-2131
As a Client User, I want to be able to remove an access control group.

In UAT: 1.43/10.115

🔗 ECHO-586
Investigate AST_L1A ordering
🔗 ECHO-585
Error when trying to retrieve ASTER granule
🔗 CMR-2387
Performance issue for queries that should retrieve items directly from Elastic or Oracle
🔗 CMR-2383
As a client, I want the JSON response format for collections to include all of the organizations.
🔗 CMR-2381
Cannot update concepts with special characters in the native ID
🔗 CMR-2367
pull kernel source and tests into echo-kernel-app
🔗 CMR-2353
Searching for collections in native format with include_granule_counts=true causes an internal server error
🔗 CMR-2351
As a CMR Administrator, I want to get the health of the access control service
🔗 CMR-2348
CMR request ID not being logged on ingest failure messages
🔗 CMR-2126
As a Client User, I want to be able to remove a member from an access control group.
🔗 CMR-2125
As a Client User, I want to be able to add a new member to an access control group.

Earth Data Search Release Status

In Production: 1.10

🔗 EDSC-911
Hide version_id from expanded and collapsed collection list if the collection doesn't have one
🔗 EDSC-902
Descriptions are not maintaining carriage returns
🔗 EDSC-897
Collections with no "Contacts" result in errors when collection details page is loaded
🔗 EDSC-896
Error retrieving C1214560812-JAXA (Earthdata Search)
🔗 EDSC-893
Showing zero granules for GLAH12 (Earthdata Search)
🔗 EDSC-890
Internal error when viewing some DIF collections
🔗 EDSC-875
Collapsed collection details flyouts overlap for collections with three lines of title
🔗 EDSC-842
Thumbnail browse imagery appears to be scaled incorrectly
🔗 EDSC-838
As a user, I want to view only NASA collection results by default so I find collections with the highest quality of se...
🔗 EDSC-811
As a user, I want to see an indication that my granule results are non-NASA, so I may understand their differing ...
🔗 EDSC-809
As a user, I want to optionally view non-NASA collections among my collection results so I may find data not oth...
🔗 EDSC-807
Problems updating URS account

In UAT: 1.11

EDSC-924	Advanced granule filters do not work from the project page on first load (breaking build)
EDSC-916	Prepare EDSC Webinar
EDSC-914	Order ASTER data in UAT causes 400 error
EDSC-910	Add OPeNDAP configuration for ORNL collections
EDSC-909	Invalid value of echo_env gives 500 error
EDSC-908	Create EDSC Haiku
EDSC-907	Display "Data Center" in the facet list and hide "Archive Center"
EDSC-904	Order submitted with deprecated option definition
EDSC-895	GLAH parameter subsetting failing (Earthdata Search)
EDSC-875	Collapsed collection details flyouts overlap for collections with three lines of title
EDSC-813	As a user, I want to view non-NASA granules in a list view using appropriate fields so I may preview my data
EDSC-808	Unable to access AST L1A data

Note on Browse images in Reverb/Earthdata Search

Both Reverb and Earthdata Search display scaled browse images to the user within the client UI. In order to display the images quickly, they are requested through an intermediate server (the Browse Scaler) and scaled to a more appropriate size for display within the search client. Since all such requests are routed through the scaler, they appear to originate from a single IP, rather than from the IP of the end user. Because of this, we have seen instances at LPDAAC, during excessive load, where browse image requests within the search clients start to fail because the number of requests exceeds the per IP connection limit. Increasing the limit on their end addressed the issue. We wanted to let all providers know in case they see similar issues. **If scaled browse images cannot be viewed in the search clients, but the actual provider hosted browse URL is viewable from the same browser, the per IP connection limit in the HTTP/FTP server likely needs to be increased.**

Below is a graph of browse access for the period for which logs are available. We only saw issues at LPDAAC when usage spiked significantly (e.g. ~1/13). More charts and other discussion is

available at  [ECHO-590](#) - JIRA project doesn't exist or you don't have permission to view it.

Upcoming PMs

17 Feb 2016

- CMR 1.43 to PROD, 1.44 to UAT
- ECHO 10.115 to OPS, 10.116 to PT
- Earthdata Search 1.11 to PROD, 1.12 to UAT
- Metadata Management Tool 1.18.0 to UAT

24 Feb 2016

- OPS/PROD OS patching (live)

- DEV network switch upgrades

7. GIBS

Matthew Cechini

- **New/Planned Products**
 - Landsat WELD
 - Ongoing processing of monthly full resolution True Color and NDVI imagery products.
 - Ongoing discussion for full resolution false color combinations.
 - Ongoing processing of CONUS land Alaska lower-resolution imagery from WELD website.
 - MODIS Collection 6 - Atmosphere & Land Reprocessing
 - Atmosphere - Waiting on GIBS UAT maintenance for final imagery review.
 - Land L2 - Waiting on updated test imagery after recent colormap change
 - BEDI Activities - Actively reviewing sample imagery for the following instruments:
 - OMI/AIRS - GESDISC
 - SST/Chlorophyll - OBPG
 - RSS - GHRC
- **GIBS New Production Release**
 - Performing full integration and performance testing
 - Planning/executing formal tests for of SIPS, WMS/CMR, & FTP imagery handlers

8. Worldview

Taylor Gunnoe

- New Layers:
 - Suomi NPP orbit tracks
 - AMSR-E Rain
 - AMSR2 Sea Ice
- Image download
 - Fire layers now appear in KMZ download
 - Fixed broken links for some products
- Worldview 1.0 testing
- Adding measurements to polar view product picker
- Natural Events UI user testing
- Issues:
 - Worldview not displaying imagery on some older browsers, possibly due to a cert error

9. Open Floor

a. Request for Special Topics from DAACs (e.g., example of how a DAAC is using CMR APIs, example of a DAAC utility with applicability at other DAACs)